

19970719.ba ba-por01.570  
 >1570  
 >From owner-boatanchors@theporch.com Fri Jul 18 00:02 CDT 1997  
 >Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])  
 > by uro.theporch.com (8.8.7.Beta2/A-UX-3.1.1) with ESMTP id AAA20954  
 > for <SHIMSHON@URO.THEPORCH.COM>; Fri, 18 Jul 1997 00:02:42 -0500 (CDT)  
 >Received: from sco.theporch.com (localhost [127.0.0.1])  
 > by sco.theporch.com (8.8.7.Beta2/SCO-5.0.2) with SMTP id FAA04798;  
 > Fri, 18 Jul 1997 05:02:17 GMT  
 >Message-Id: <199707180502.FAA04798@sco.theporch.com>  
 >Date: Fri, 18 Jul 1997 00:02:17 CDT  
 >Sender: owner-boatanchors@theporch.com  
 >From: boatanchors@theporch.com  
 >To: Old Tube Radios <boatanchors@theporch.com>  
 >Subject: BOATANCHORS digest 1570  
 >Mime-Version: 1.0  
 >Content-Type: multipart/mixed; boundary="--  
 \_\_ListProc\_\_NextPart\_\_869201941434600970"  
 >X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN  
 >Status: 0

## BOATANCHORS Digest 1570

Topics covered in this issue include:

- 1) Report: on R-390/URR R-390A/URR handbook (long)  
by oranges@FRB.GOV
- 2) Re: Generic Spy Radio Inquiry  
by Al Klase <skywaves@bw.webex.net>
- 3) BA Hat and Logo!  
by "John H. Dilks III" <oldradio@worldnet.att.net>
- 4) Re: What is a GF-12 radio?  
by William Donzelli <william@ans.net>
- 5) Re: Generic Spy Radio Inquiry  
by Lenox Carruth <carruth@swbell.net>
- 6) Re: GRC-109 not intended for simplex ???  
by Jeffrey Herman <jeffreyh@hawaii.edu>
- 7) WTB: AN/ARC-1 Manual  
by George Humphrey <gah@koyote.com>
- 8) Spotted; Collins 32RS-1  
by billo@nti.net (Bill Wilson)
- 9) NC-44  
by "Richard L. Duell" <rduell@iac.net>
- 10) W8ZR operating BA-portable from Montana mountains  
by 4CX250B@miavx1.acs.muohio.edu
- 11) Man of High Fidelity-- Rare Book FS  
by "Jay H. Miller" <jmiller@teleteam.net>
- 12) Dead Scope City

- by maccary@on-ramp.ior.com
- 13) R390A panel refinishing project  
by David Medley <davemed@worldnet.att.net>
- 14) Re: LM frequency Meter  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 15) Line regulators, OLD  
by WA6GYD@aol.com
- 16) HO-13 for trade  
by WA6GYD@aol.com
- 17) Re: HOLLOW STATE FM RIGS  
by berg stephen erik <z931086@corn.cso.niu.edu>

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Date: Thu, 17 Jul 1997 16:12:06 -0400  
From: oranges@FRB.GOV  
To: boatanchors@sco.theporch.com  
Subject: Report: on R-390/URR R-390A/URR handbook (long)  
Message-ID: <3ce7cf20@cclink.frb.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Description: cc:Mail note part

Hello BA'ers,  
It finally came after more than a month and a half.

The R-390/URR R-390A/URR handbook by Paolo Viappiani,  
published by Editrice Il Rostro-Via B.Buozzi,5-20090  
Segrate in Milan,Italy. the price is 35000 lire or  
about \$25.00 U.S. depending on the exchange rate,plus shipping.  
It is about 6 1/2 by 9 1/2 inches and 144 pages in size.

The handbook deals with some of our favorite boatanchors  
the R-390,-390A,-391,-725,and R-1247/GRC-129 family.  
It covers who produced them, what tubes are inside, which  
TM's cover what receiver, when they had an article in a  
Ham magazine (US,UK,and Italian), what modification can  
be done.

What did I think,even though I do not understand Italian,  
I could get a lot of info from the handbook, most of the  
photos and schematics are captioned in English.  
A lot of the information sources (i.e.:Collins,QST,CQ,ER,HSN,  
Army TM's) are known to all of us on the list,which helps with  
the understanding also.

How do you get a copy, now this is the fun part.

If you understand Italian or French you can try calling the publisher in Milan, Italy at 0039-2-2135366 ( I tried this first, we never really understood what the other was trying to say. So I did the next method) The method that worked for me was, I typed in order format,

1 (1) R-390/URR R-390A/URR Handbook Paolo Viappiani  
2 My Name and Address

Then I faxed it to the publisher at their fax number of 0039-2-2132869  
A month and a half later, there we are in this weeks mail,

One more thing, the publisher wants payment after you have received the book in Lire, so you need to see if there is a currency exchange service in your area.

Thanks,

Fred Bohner Arlington, VA.

Email address is oranges@frb.gov  
MESSAGE FOR PERSONAL USE NOT OFFICIAL USE

P.s. for sale copy of Sunair GSR-920  
Operation and Maintenance Manual  
\$30.00 plus \$3.00 mailing  
Email me if interested

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Date: Thu, 17 Jul 1997 17:58:26 -0700  
From: Al Klase <skywaves@bw.webex.net>  
To: Boatanchors <boatanchors@theporch.com>  
Subject: Re: Generic Spy Radio Inquiry  
Message-ID: <33CEBFB2.54DB@webex.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tom and The Group,

Here's my two cents on Tom's request based on first hand knowledge of the RS-6 and CMS, and documents I have on RS-1/GRC-109, PRC-5, and some German agent sets.

Tom R. Rice wrote:

>  
> In my usual backwards fashion, I've uncovered the  
> case for an old Ampex Model 600 Tape Recorder which  
> leads me to plan the construction of a "Spy Radio",  
> the type built into a small suitcase. I have a  
> book in which is pictured a British Type B Mark II  
> unit, but no details on the characteristics other  
> than that it "had a range of 2500 km".

This range suggests power output in the 10-30 watt neighborhood.

>  
> It would be deeply appreciated if some kind and  
> knowledgeable soul could just gimme the basic  
> characteristics of a "typical" spy set: power  
> source, input to final stage, freq coverage, etc.

The transmitter will be CW only and most likely crystal controlled. I suspect a lot of transmissions were made "blind" (guess I should say deaf!) Power source is usually AC, with transformer taps to accomodate 100-250 volts. The RS-6 has a neon bulb that comes on when you back the tap switch down to the right voltage. RS-1 and RS-6 also had integral vibrator power supplies for operation from vehicle batteries.

Typical circuit could be a 6AG7 xtal oscillator and a 2E26 final.

This is typical 1950's "novice" transmitter stuff with some important additions: antenna loading coil/tuner with an antenna current indicator (pilot lamp, etc.) to deal with random-wire antennas, side tone generator (neon bulb oscillator), and TR switching for the receiver. Frequency coverage would be from about 3 MHz upward. The later sets tune to about 22 Mhz to take full advantage of the sunspot cycle. The serious sets have elaborate band switching to make them user friendly, but I think for home brew, plug in coils might be a better bet.

>  
> I suspect that the receivers would not be regen  
> types, for obvious reasons, so I might use the GRC-9  
> receiver I bought from Fair Radio some years back,  
> although I feel a regen would be more fun!

The CMS and the German SE-109/11 (not sure of number) used regens.

Recently saw a reference to WWII Polish(?) set that used a "Supergainer" RX (see "Radio" magazine in the late 1930's. This is something like a 6SA7 converter feeding half of a 6SN7 as a 455 regenerative IF, and the other half as audio amp. I think they made the RF input regenerative as well! Requires a skilled op., but offers a lot of bang for the buck. You'll have a lot better chance of getting one of these simple receivers

to work rather than attempting to engineer a full blown CW superhet.  
The GRC-9 RX is cool too.

Let us know how your project goes. I can dig up specific  
schematics if  
it wil help.

73,

Al

--

Al Klase - N3FRQ  
skywaves@bw.webex.net  
Flemington, NJ

-----  
Date: Thu, 17 Jul 1997 22:05:46 +0000  
From: "John H. Dilks III" <oldradio@worldnet.att.net>  
To: boatanchors@theporch.com  
Subject: BA Hat and Logo!  
Message-ID: <19970717220540.AAB26700@LOCALNAME>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

To all,

I just received a g-r-e-a-t BoatAnchor hat from BA member Dave Ross.

It's Black corduroy 100% cotton, Bright Gold embroydered "BxA" Emblem  
(where x is a nice anchor). There is also a quality adjustable strap for  
one-size-fits-all.

Though, with all this summer heat wearing it will have to wait until  
Fall, it is a recommended BA item worth aquiring.

Dave's address:

Dave Ross	KA6EPI	ross@hypertools.com
31 Seal River Road		
Rosburg, WA 98643-9621		360/465-2117

73' John Dilks, K2TQN

-----  
.,-----  
| >> New 5-24-97 on <http://www.eht.com/oldradio> << |  
| |  
| 1). Al Klase, N3FRQ's complete B-17 Radio Command Set, set-up. |

```
| 2). A "Chopper" used in 1920's Ham Transmitters for I.C.W. |
| 3). The B-i-g Radio Auction Results with 6 or 7 photos. |
| |
| If you have an old (ver.1 type) Browser try... |
| http://www.cyberhost5.com/eh/oldradio |
| There's always something new about old radio on our Web Page. |
| We update it every week! |
'-----'
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Date: Thu, 17 Jul 1997 18:40:23 -0400 (EDT)  
From: William Donzelli <william@ans.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: What is a GF-12 radio?  
Message-ID: <199707172240.AA03369@interlock.ans.net>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Has four tubes, which are basically  
> 45's and 10's, but the filament voltages are different. Two tubes for  
> the RF and two for the modulator. Power supply was external.

The tubes in the GF-12 are 837s and...uh...something else (ever notice that the GF tube cover is a bit taller than those for the BC-230/430s - it is for the plate caps). That is why the Navy rigs can be found with tubes, but the Army rigs have been raped by the audio weenies.

> In standard Navy fashion, successive contracts bumped up the dash  
> number, but all the set are similar.

Generally true - but several series (GF-11 and -12) were built on the same contract - NOs-84530.

William Donzelli  
william@ans.net

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Date: Thu, 17 Jul 1997 17:39:26 -0500  
From: Lenox Carruth <carruth@swbell.net>  
To: skywaves@bw.webex.net  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Generic Spy Radio Inquiry  
Message-ID: <33CE9F1D.2029@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

"Clandestine Operations - The Arms and Techniques of the Resistance, 1941-1944" by Pierre Lorain, Macmillan Publishing Company, 1983, has lots of information on WW-II "spy" radios including several schematics.

--

Lenox

-

Lenox Carruth, Jr. Dallas, Texas  
Carruth@swbell.net  
Collector of WW-II Communications Equipment and Memorabilia

Wanted: Excellent TCS-14 Transmitter and Mounting Plate, TBX, LS-3, Sextant

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-----  
Date: Thu, 17 Jul 1997 13:14:00 -1000  
From: Jeffrey Herman <jeffreyh@hawaii.edu>  
To: w2ec@VNET.IBM.COM  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: GRC-109 not intended for simplex ???  
Message-ID: <Pine.GS0.3.95q.970717130736.18914B-100000@uhunix3>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 17 Jul 1997 w2ec@VNET.IBM.COM wrote:

> I'm not saying full-duplex CW can't be done, but from field grunts?

I'm not sure what the problem would be. Full-duplex does not imply that one would be sending \*and\* receiving traffic at the same time, but rather, if the receiving op needed a fill he could send a dit or two (or a ..\_\_.. ) to get the transmitting op's attention, then ask for the fill. Us "ocean grunts" (sailors) used full-duplex on all our MF/HF CW circuits.

73,

Jeff KH2PZ / KH6

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Date: Thu, 17 Jul 1997 18:54:12 -0500

From: George Humphrey <gah@koyote.com>  
To: boatanchors@sco.theporch.com  
Subject: WTB: AN/ARC-1 Manual  
Message-ID: <1.5.4.32.19970717235412.00cdec10@mail.koyote.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

BAers,

I would like to find a manual for the old  
AN/ARC-1 equipment. I think the number  
is:

T0: 16-30ARC1-7

Please respond to gah@koyote.com  
73s George KC5WBV

-----  
Date: Thu, 17 Jul 1997 19:02:13 -0500  
From: billo@nti.net (Bill Wilson)  
To: boatanchors@theporch.com  
Subject: Spotted; Collins 32RS-1  
Message-ID: <19970718000212172.AAA150@NOTORIOUS>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Greetings,

Last weekend I went to the "Mt. Top" tradeday near Attala, Al. Everything from fake desinger purses to exotic animals and junk are for sale. Boatanchors do come out of the woodwork and are spotted on a regular basis. One of them I saw is the Collins 32RS-1. A mini rack about 3 feet high. The front of the unit had all kinds of tags. The largest was a NASA tag. The owner said it was a radio used on barges. It is a 4 channel crytal controlled SSB HF rig, built-in speaker, there is a telephone handset. A door with a large Collins logo revels an array of controls, another door opens and you see the chassis, lots of tubes and the crystal ovens. He is asking \$100 for the thing, anyone know this rig? The guy has been trying to sell it for several weeks, I thought about buying it but remebered I did not bring the truck...:-)

Thanks,

Bill  
W4BIZ



-----  
Date: Thu, 17 Jul 1997 21:11:56 -0400  
From: "Richard L. Duell" <rduell@iac.net>  
To: boatanchors@theporch.com  
Subject: NC-44  
Message-ID: <2.2.32.19970718011156.00bbea64@iac.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I was lucky enough to pick up a National NC-44 at the Indy hamfest this weekend. It's in good cosmetic shape. Plugged it in and the filaments light up, but no signals so I have to start digging.

My first step is to try to find the schematic in one of my Rider's volumes (I have 1 through 14 and 16). That is usually a hand search of each volume because I only have three of the indexes. Does anyone know of a source of Rider's indexes? Sure would save a lot of page flipping. Also, does anyone have a volume 15 and/or volumes 17-23 they want to sell or trade for?

73, Rich - W5VDU

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Date: Fri, 18 Jul 1997 22:04:10 +0100  
From: 4CX250B@miavx1.acs.muohio.edu  
To: boatanchors@theporch.com  
Subject: W8ZR operating BA-portable from Montana mountains  
Message-ID: <v03007812aff589c5f5c2@[134.53.4.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Greetings from the Beartooth mountains, in south-central Montana, where my XYL and I have a vacation cabin. In another day or two, I should have a Collins S-Line up and running. I'll be checking some of the BA freqs, signing W8ZR/7.

By the way, check out the latest issue of Forbes Magazine. Nice article on ham radio, with pictures of Barry Goldwater, Patti Loveless (sp?) and other dignitaries. Picture of the author as a child, using BAs.

73,

Jim Garland W8ZR

-----  
Date: Thu, 17 Jul 1997 21:52:10 -0500  
From: "Jay H. Miller" <jmiller@teleteam.net>  
To: boatanchors@theporch.com  
Subject: Man of High Fidelity-- Rare Book FS  
Message-ID: <103102800aff48935cf1b@[199.34.24.28]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

After several years of hunting an elusive book, I now find myself with two copies of  
Man of High Fidelity, the biography of Edwin Howard Armstrong, by Lawrence Lessing. As I only need one, I will pass the extra copy along to anyone who's been looking for it.

This is a First Edition in very good condition but without the dust jacket.

For those wondering, this book is the only known biography of the Major and it contains a great deal of information (some of which appeared in the PBS Empire of the Air) about a man to whom we all owe the very essence of hobby. I have searched bookstores in the US and UK for three years and suddenly found two at once! The only other copy I have seen was for sale at Dayton two years ago for over \$100!

I am asking \$80 for the book plus \$5.00 priority mail shipping in the USA.

\*\*\*\*\*  
Jay H. Miller, KK5IM Dallas, Texas  
The Pocket Guide to Collins Amateur Radio Equipment  
AMI#846 Collins Collectors Association  
E-Mail: jmiller@teleteam.net  
Visit My Home Page: <http://www.teleteam.com/~jmiller/>  
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Date: Fri, 18 Jul 1997 03:52:53 GMT  
From: maccary@on-ramp.ior.com

To: boatanchors@sco.theporch.com  
Subject: Dead Scope City  
Message-ID: <199707180352.DAA02695@sco.theporch.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At the Kennewick flea mart I acquired a manual for a Tek 7704 scope. The vender said there is a dead 7704A that goes with the manual so I got it with three plugins for the price of the manual. This thing blooms when turned on, then nada until turn off when it makes a momentary spot the size of a dime in the center of the screen. According to the troubleshooting section of the manual, there should be a sawtooth output which I find to be OK. It then says to check CRT circuit, but I don't find much on this subject. What should I be looking for? Is this thing worth following up or should I save the plugins and trash the mainframe?

The local instrument repair depot was clueless about fixing a dead Tek 454 so I am reluctant to start over again with the 7704. They kept the 454 for about a month before deciding they could not fix it (or maybe did not know what was wrong).

My knowledge about troubleshooting scopes would not fill my hollow tooth so I too am clueless about where to begin. While not really a BA, this thing is heavy and does have one tube, the CRT, which is about 15 inches long and 5 inches square.

Mac  
LAWRENCE MAC CARY --- A Subscriber at Internet On-Ramp, Inc.

-----  
Date: Thu, 17 Jul 1997 20:51:47 -0700  
From: David Medley <davemed@worldnet.att.net>  
To: collins@listserv.tempe.gov  
Cc: baswaplist@foothill.net  
Subject: R390A panel refinishing project  
Message-ID: <3.0.3.32.19970717205147.00d6b0b8@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The project to help those with R390A panel refinishing problems has progressed to the stage of preparing artwork and estimating the cost. We are making every attempt to keep this cost down. The deal looks like this:

1. The customer will clean and repaint the panel. We will provide advice as to the proper paint to use.
2. Customer then sends the panel to an address to be given.
3. The panel will be silkscreened professionally with white lettering and

returned. Only the front will be done. The back will be left as is.

4. The cost will be around \$30 per panel plus return shipping.

As an addition it might be possible to provide original nameplates as well on a first come first served basis for those interested.

For those that cannot or do not want to do the painting we will try and accomodate them but this will add to the cost.

We are not proposing to deal with engraved panels but would consider something if the demand was great enough.

This is a volunteer effort. Neither the artwork preparer nor I are charging for our efforts so the only cost is the printer.

At this point I would appreciate some fairly firm indications from those who are interested so we can get an idea of quantity. The more participants the lower the individual cost.

Let me know as soon as you can

Regards

David Medley

-----  
Date: Thu, 17 Jul 1997 22:56:49 -0500 (CDT)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: Roy Morgan <morgan@speckle.ncsl.nist.gov>, jwgibson@worldnet.att.net  
Cc: rdkeys@csemail.cropsci.ncsu.edu,  
Boatanchors <boatanchors@sco.theporch.com>  
Subject: Re: LM frequency Meter  
Message-ID: <Pine.ULT.3.96.970717223432.26791F-100000@admin.aurora.edu>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I built a power supply for the LM meter and ran Bob's program to generate a calibration book - and that works great! I had to look at the Fortran to see what some of the numbers at the beginning were for in the data file (model & serial# & calibration end points).

Thanks, John, for the info you faxed.

Two hints for anyone calibrating a LM or BC-221 meter without a book. Bob's software is a must! But before you start taking readings, make sure that the dial will tune the entire range. Mine would not go

higher than about 385KC on the low band. So I adjusted the low band trimmer for a convenient hi end 400KC calibration point (I used 4800.0) and also set the high band upper point (4MC) to a dial reading of 4400.0.

My unit has no provisions for having the xtal osc ONLY turned on. To read that frequency, just ground the grid cap of the 77 tube to kill the VFO. Someone had attempted to add a trimmer cap to the xtal circuit to zero it (I don't think the LM-4 had one originally). At minimum capacitance, the freq was too low, so I took the cap out. Then the xtal was 30 Hz high. So I soldered a 2 inch length of wire to the socket pin and taped it along the underside of the chassis and trimmed the length until the freq was within a Hz. (lay unit on metal to simulate stray capacity when unit would be in case).

To read the freq meter output on the counter, the output was too low. So I used my Ballantine AC VTVM which has a output connector, as an amplifier.

Having set the trimmers for the desired high end check point with the corrector set mid-range, the corrector should not be touched thereafter during calibration.

E-mail broehrig@admin.aurora.edu                      73 de Bob, K9EUI  
CIS: Data / Telecom    Aurora University, Aurora, IL  
630-844-4898    Fax 630-844-5530

-----  
Date: Fri, 18 Jul 1997 00:10:39 -0400 (EDT)  
From: WA6GYD@aol.com  
To: boatanchors@theporch.com  
Subject: Line regulators, OLD  
Message-ID: <970718001038\_-990007087@emout20.mail.aol.com>

I was looking thru some old box's and found two of these. I am not sure what they are. They are about 1 1/2 inches in diameter and about the same high. They have a two prong (117VAC) socket in the top and two prongs on the bottom that plug into a 117VAC socket. the body is preforated sheet metal and inside looks a flat mica sheet with a restiance wire wound around it.

Stamped into the top "Automatic Line Voltage Regulator" Clarostat--Pat #1840.168 on the bottom Clarostat Mfg Brooklyn NYUSA--Reg US pat office.

They might be line dropping resistors for some of the old ACDC sets. On one side they both show about 170 ohms and on the other side 0 ohms. So they put

170 ohms in series with one side of the line to the load.

Can anyone tell me what they are and what they are for?? Any interest in them??

Don

-----  
Date: Fri, 18 Jul 1997 00:15:57 -0400 (EDT)  
From: WA6GYD@aol.com  
To: boatanchors@theporch.com  
Subject: HO-13 for trade  
Message-ID: <970718001556\_1346859093@emout02.mail.aol.com>

I have an HO-13 heath spectrum analyzer that I would like to trade for an HO-10 modulaton monitor. It is in good cond and in orig box wih orig manuals.

Don

-----  
Date: Thu, 17 Jul 1997 23:33:37 -0500 (CDT)  
From: berg stephen erik <z931086@corn.cso.niu.edu>  
To: JOHN SEHRING <JOHN\_SEHRING.parti@ecunet.org>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: HOLLOW STATE FM RIGS  
Message-ID: <Pine.3.89.9707172354.B1238-0100000@corn.cso.niu.edu>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I worked at the Big M when the Motracs and Motrans were being built. There were several ranges on each band as John has described. For 2 meters, you want a "1 range." As I remember, these generally had green coil forms in the transmitter circuits. I have a 1 range 250 watt base unit out in the garage, but that is the older model that was pre-motrac. It is all tube, including the frame grid preamp. It has better than 0.2 microvolt for 20 dB quieting the last time I checked. I hope to set the amplifier section up for 2 meter weak signal linear service. Those 4-125A's should do well with some regulated screen voltage, and a change in the bias.

73,

Steve WA9JML

z931086@corn.cso.niu.edu

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End of BOATANCHORS Digest 1570

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